

ABSTRACT

2 A biodegradable wellbore fluid with an oleaginous phase including a linear
3 paraffin having 11-18 carbon atoms, a non-oleaginous phase, an emulsifying agent and
4 optionally a weighting agent. Use of the fluid while drilling allows bio-remediation of
5 drill cuttings using land spreading, bioreactors, conventional composting or vermiculture
6 composting. The resulting product, especially when vermicomposted, is potentially useful
7 as a soil amendment or plant fertilizer material.